

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT

List PWS ID #s for all Water Systems Covered by this CCR

CERTIFICATION FORM

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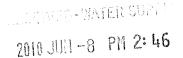
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Public Water Supply Name

0820014

COHILI	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR we mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
	Answer the Following Questions Regarding the Consumer Confidence Report
L)	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed://
X	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: Notweed
X	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: The YAZOO HERAID
	Date Published: 6 /09/ /0
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
·	CCR was posted on a publicly accessible internet site at the address: www
CERT	IFICATION
consiste Departr	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi State ment of Health, Bureau of Public Water Supply.
Name	Title (President, Mayor, Owner, etc.) 6/25/10 Date
ivame/	-
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

570 East Woodrow Wilson & Post Office Box 1700 & Jackson, Mississippi 39215-1700 601/576-7634 & Fax 601/576-7931 & www.HealthyMS.com



2009 Annual Drinking Water Quality Report Public Service Comm. Of Yazoo City PWS#: 0820014 May 2010

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the PSC of Yazoo City have received a moderate to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Vince Mathis at 662-746-3741. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 4:00 PM 210 S. Mound Street.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1st to December 31st, 2009. In cases where monitoring wasn't required in 2009, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining synthetics. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RESU	JLTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG		MCL	Likely Source of Contamination
						<u> </u>			
Radioactiv	e Conta	minants	4.15	.276 – 4.15	pCi/L	0 [15	Frosion of	natural denosits
Radioactiv 5. Gross Alpha 6. Radium 226 Radium 228			4.15 .222 .803	.276 - 4.15 .048222 .027803	pCi/L pCi/1	0	15 5		natural deposits natural deposits

10. Barium	N	2008*	.003	.002003	ppn	ו	2		di	ischarge of drilling wastes; ischarge from metal refineries; rosion of natural deposits
13. Chromium	N	2008*	2	.8 - 2	ppb		100			ischarge from steel and pulp ills; erosion of natural deposits
14. Copper	N	2005/07	* .1	0	ppn	1	1.3	AL=	pl na	orrosion of household lumbing systems; erosion of atural deposits; leaching from ood preservatives
16. Fluoride**	N	2009	1.2	.07 – 1.2	ppm		4		w:	rosion of natural deposits; ater additive which promotes rong teeth; discharge from artilizer and aluminum factories
17. Lead	N	2005/07	* 2	0	ppb		0	AL:	pl	orrosion of household umbing systems, erosion of atural deposits
21. Selenium	N	2006*	.6	No Range	ppb		50		m na	ischarge from petroleum and etal refineries; erosion of atural deposits; discharge from ines
Disinfection	n By-	Products	5							
81. HAA5	N	2009	20	No Range	ppb	0		60	By-Product of drinking water disinfection.	
82. TTHM [Total trihalomethanes]	N	2009	25.13	No Range	ppb	0		80		
Chlorine	N	2009	.91	.5891	ppm	0	MDR	IDRL = 4 Water additive used to control microbes		

^{*} Most recent sample. No sample required for 2009.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Public Service Comm. of Yazoo City works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

Proof of Publication THE STATE OF MISSISSIPPI, County of Yazoo.

The Yazoo Herald is and described in Sen ed at the regular ses Legislature of 194 1858, of the Mississi

Personally appeared before me, the undersigned
DUDIC in and for the County and S
Lary Andrews
who being by me first duly sworn states on oath,
published in the City of Yazoo City, State and County afores the publication of the notice, a copy of which is hereto attack
made in said papertimes as
VOL. No. 139 Number 4 Dated UNC
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VOL. No Number Dated
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THE YAZOO HERALD, WEDNESDAY, JUNE 9, 2010, 11

2009 Annual Drinking Weler Quality Repol Public Service Comm. Of Yezop City PWSIF: 0820014

The course were assessment has been completed for our public water system to determine the owner association of a debting water analys in describing powerful accurate concurrenation. A require containing desided influenciation in their temperature several requirements were made has been furnished to our public water system and in containing design price requirement. The water for the PDC of Years Copy have modered in accurate to higher secondaries precisions.

If you have any questions about this report or concerning your nation while, please contact Vyoce Matter at 052-749-5741. We want our value customer to be intermed about their water cally. If you want to learn many, please attend any of our regularly achecised meetings. They a hard any account Transfer of the provint at 400 PG 200 More day.

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Meximum Reactive Distriction Level (MFCC) — The highest level of a displactant allowed in distring water. There is convincing evidence if addition of a districtional is necessary for control microbial portaminants.

Missioner Residual Distributions' Level Coal (MROLG) — The level of a distring water distribution theoret between there is no brown or appear risk of health. MRDLGs do not relient the benefits of the use of distributions to control microbial conteminants.

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Radioactive Contaminants	Contemberal	Vicinijas VAH	Date Collected	Lavel Detected	Range of Detects by # of Semples & Exceeding MCLACL	Liet Messure -ment	HC/3		MOL	Likely Source of Contembration
Gross Alpha N 2008 4.15 276 - 4.15 pCSA 0 15 Engine of patent decoals	ladioactive	Conta	minants	2500				3000		
Redum 226 N 2009 222 048 222 pGH 0 6 Emelos of Astural decoets	Cross Alpha	N Section	2000	4.15	276 - 4.15	pCM.	V 6	919	Erosion of na	barel deposits
	Redium 228		0.000	.803	.027 - A03	900 dig 500.		2000/02/2	2010/02/20	ALCO THE BOOK SE

10. Berium	H	2009"	.003	.002003	ppm	3	2	Discharge of drilling wester;
			130					discharge from metal refractes, erosion of natural deposits
11. Chankin		2006"	2	8+2	₩ ^b	100	100	Discharge from steel and pulp mile; erosion of resural deposits
14. Copper	H	200507*	1	0	Per I	(3	AL-13	Conseion of household plumbing systems, excelor of natural disposits; leaching from wood preservatives
16. Pluoide"	Ħ ;	2009	12	.07−1.2	ppen	•	•	Erosion of nebral deposits, water additive which promotes strong leads, discharge from furtilizer and atuminant factories
17. Lead	И	2006/07*	2	0	Php .	0	AL=15	Conceion of housebold plumbing systems, erosion of natural decosits
21. Gelaniyan	И	3005		Ho Range	ppb .	60	89	Discharge from petroleum and anatol reflection education of metanal dispositor, discharge from mines

		100	100 PM	19990	50,70,000,00	4600	400		Galatecton.
í	E2. TTPM [Total (theismethernes) Ctassine	H	2009	28.13	Ho Range	æ	•	a feature deal	By-product of drinking water drinkings.
ĺ	Ctaccine		2006	9 1	.M. M	1	•	MOST - 1	Water additive used to control microbes

** Host record people, No accepts required for AVV.

** Placeting level to reactively adjusted to the MS State Dept of Health's recognized defect freed of (0.7 - 1.3 mg/l.

We see negards to protect your driving water for profice constituents, or a contrily leads. Results of regular monitoring as on indicator of whether or not not stating weet mean leads instructure. We did chysicish he monitoring repartments the independence of a chysicish proceedings repartments the independence of any missing automated for the contribution of any missing automated on the contribution of any missing automated on the contribution of the process of any missing automated on the contribution of the contributi

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Some pages may be more scheeded to continuously individual relate that the general population. Immuno-compositioning persons such as persons with more underpring characteristic, protess into have underpring characteristic persons the limited of the first individual persons about seek within accordance persons about seek within accordance from their health are providers. EVACOD publicies on exprovision revers to because the risk of individual yet of persons about seek within accordance from their health are providers. EVACOD publicies on exprovision revers to because the risk of individual yet on the personal persons according to the personal persons.

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